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Application No. 10/670,236
Docket No.: 740116-493In the Claims:

1. (Currently Amended) Shipping box for shipping of high-value, highly sensitive objects, comprising:

a frame having a plurality of side walls, a bottom wall and a top wall which forms a cover, the shipping box being completely enclosed by said walls, and
vacuum insulation panels lining the inside of the shipping box;
wherein at least one of the bottom and the cover is divided by crosspieces into a plurality of fields in which individual vacuum insulation panels are located.

2. (Original) Shipping box as claimed in claim 1, wherein in an area at which two of walls border each other, an end face of the vacuum insulation panels located on one of the two walls touches a side surface of the vacuum insulation panels which are located on the other wall.

3. (Original) Shipping box as claimed in claim 1, wherein there are at least two layers of vacuum insulation panels and they are arranged such that joints between panels of one layer are offset relative to joints between panels of a bordering layer.

4. (Currently Amended) Shipping box as claimed in claim 3, wherein the joints between panels of said one layer run transversely to the joints of the bordering layer.

5. (Original) Shipping box as claimed in claim 1, wherein the vacuum insulation panels are joined securely to the walls

6. (Original) Shipping box as claimed in claim 1, wherein the vacuum insulation panels are cemented to the walls.

7. (Original) Shipping box as claimed in claim 3, wherein the layers bordering one another are joined securely to one another.

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8. (Original) Shipping box as claimed in claim 3, wherein the layers bordering one another are cemented to one another.

9. (Original) Shipping box as claimed in claim 1, wherein the vacuum insulation panels are free of projecting flaps and welds in edge areas thereof.

10. (Original) Shipping box as claimed in claim 1, wherein the vacuum insulation panels have a core that is made of a material that is at least one of pyrogenic and microporous.

11. (Original) Shipping box as claimed in claim 10, wherein said material is a silica material.

12. (Original) Shipping box as claimed in claim 1, wherein the vacuum insulation panels have a core that is made of open-pore polyurethane or polystyrene foam.

13. (Original) Shipping box as claimed in claim 1, wherein a medium is provided in the shipping box within an inside space surrounded by the vacuum insulation panels which is at least one of moisture absorbing and moisture releasing properties.

14. (Original) Shipping box as claimed in claim 12, wherein said medium comprises at least one fiber insulating plate.

15. (Original) Shipping box as claimed in claim 1, wherein a heat sink mass that has heat storing properties is provided in the shipping box within an inside space surrounded by the vacuum insulation panels.

16. (Original) Shipping box as claimed in claim 15, wherein the heat sink mass comprises a latent heat reservoir.

17. (Original) Shipping box as claimed in claim 1, wherein a shock absorption system is provided in the shipping box within an inside space surrounded by the vacuum insulation panels for supporting the object to be shipped.

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18. (Original) Shipping box as claimed in claim 1, wherein a closable inner box for supporting the object to be shipped is provided within the shipping box.

19. (Original) Shipping box as claimed in claim 17, wherein a closable inner box for supporting the object to be shipped is provided within the shipping box.

20. (Original) Shipping box as claimed in claim 19, wherein the shock absorption system is incorporated into inner box.

21. (Original) Shipping box as claimed in claim 14, wherein a closable inner box for supporting the object to be shipped is provided within the shipping box.

22. (Original) Shipping box as claimed in claim 21, wherein the at least one fiber insulating plate forms part of the inner box.

23. (Original) Shipping box as claimed in claim 1, wherein at least one layer of foam plastic is provided between the walls of the shipping box and the vacuum insulation panels.

24. (Currently Amended) Shipping box as claimed in claim 1, wherein at least one layer of foam plastic is provided in the vacuum insulation panels.

25. (Canceled).

26. (Currently Amended) Shipping box as claimed in claim 1, wherein a stabilization plate is attached to the crosspieces for additional fixation of the vacuum insulation panels.

27. (Currently Amended) Shipping box as claimed in claim 1, wherein the stabilization plate is a fiber insulating plate.

28. (Previously Presented) Shipping box as claimed in claim 1, wherein at least one layer of foam plastic is provided.

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29. (Currently Amended) Shipping box as claimed in claim 1, wherein the crosspieces are lined at least on three sides with insulation material

30. (Previously Presented) Shipping box as claimed in claim 29, wherein said insulation material is also a fire-retardant material.

31. (Previously Presented) Shipping box as claimed in claim 1, further comprising a shipping holder constructed for holding a framed picture within said shipping box.